

# STAR WARS CODE CHALLENGE

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# Overview

- The application is in charge of calculate how many stops for resupply are required, to cover a given distance (MGLT).

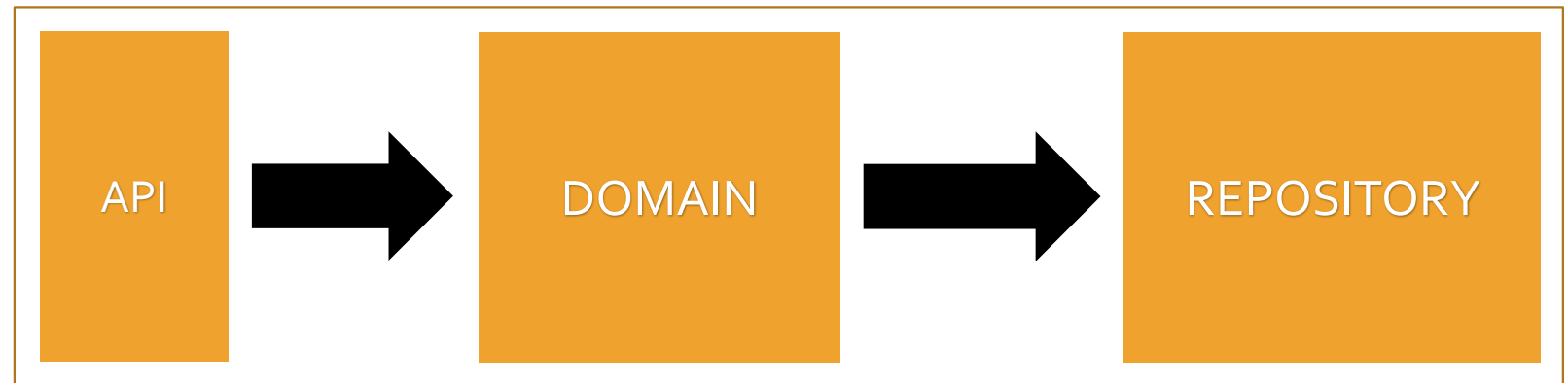
# Architecture

- The application contains two main projects, Service and UI. The service is the one who will provide the data to the UI to be displayed.

# Architecture Service

- It is a Web Api based on .Net 3.1 and Driven-Domain Design (DDD), it consists of 3 layers:
  - **Api:** Service entry point, exposing the necessary endpoints
  - **Domain:** In charge of the necessary logic for information management.
  - **Repository:** It is the layer that executes actions to external api.

## WORKFLOW



# Architecture UI

- Console application based on .Net Core 3.1

# APPLICATION WORKFLOW



# APPLICATION DESCRIPTION

Project	Application type/Technology	Language	Scope
UI	CONSOLE APP .NET CORE 3.1	C#	User interface
API	WEB API APPLICATION .NET CORE 3.1	C#	Service entry point
Domain	LIBRARY .NET CORE 3.1	C#	Business logic handler
Repository	LIBRARY .NET CORE 3.1	C#	Retrieve data from <a href="https://swapi.dev/">https://swapi.dev/</a> API